

OFFICE OF CIVILIAN DEFENSE
CIVIL AIR PATROL

TRAINING DIRECTIVE)
NO. 18)

NATIONAL HEADQUARTERS
WASHINGTON, MARCH 10, 1942

METEOROLOGY

1. General

The successful execution of flying missions frequently depends upon accurate judgment of weather. To obtain this accuracy in judgment a thorough working knowledge of meteorological phenomena is required. This knowledge is necessary in judging the factors involved in determining the best course to follow when flying in stormy weather, the cruising altitude with the most favorable winds, whether weather conditions will permit flight to be continued, etc. It is important that all Civil Air Patrol Pilots and Observers have a thorough training in meteorology.

2. Text

Civil Aeronautics Bulletin No. 25, Meteorology for Pilots, published by the Civil Aeronautics Administration of the United States Department of Commerce, has been adopted as the Civil Air Patrol text for the course of instruction covered by this Training Directive. Copies of this text may be obtained from the Superintendent of Documents, Washington, D. C., at the price of 75 cents each. This text is not available for free distribution.

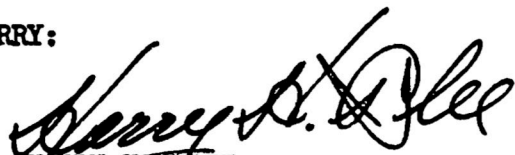
3. Requirement

All Pilots and Observers of the Civil Air Patrol are required to take this course of instruction.

4. Instruction Procedure

It is recommended that where possible ground instructors certificated in Meteorology by the Civil Aeronautics Administration be enlisted to conduct classes in this subject. No student shall be considered as having completed this course until he has obtained a practical working knowledge of Meteorology as covered by this text and has a thorough grounding in use of teletype and weather map symbols, recognition of cloud forms and knowledge of the weather usually accompanying them, changes in wind velocity and direction with altitude, kind of weather accompanying different air masses and fronts, location of different kinds of weather in cyclones, and elements of forecasting.

By command of Major General CURRY:


HARRY H. LEE
Colonel, Air Corps
Training & Operations Officer